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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Nobuyuki Takakuwa

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EXAMINER

TEKLE, DANIEL T

ART UNIT

PAPER NUMBER

2481

NOTIFICATION DATE

DELIVERY MODE

03/02/2011

ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

DocketingDept@young-thompson.com

Office Action Summary	Application No. 10/530,028	Applicant(s) TAKAKUWA ET AL.	
	Examiner DANIEL TEKLE	Art Unit 2481	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 October 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 22-29 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☐ Claim(s) 22-29 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

Applicant's arguments with respect to claim 22-29 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 22-29 rejected under 35 U.S.C. 102(e) as being anticipated by Tsuga et al. (US 5,999,696).

Regarding Claim 22: Tsuga et al. discloses a computer readable information record medium with information recorded in a non-transitory state thereon, comprising:

an object data file for storing object data comprising a first video stream, a second video stream which corresponds to a different view point from a view point of the first video stream, and a first audio stream (**Fig. 8B: Multi-angle block**); a play list information comprising a plurality of item information each of which indicates information related to a reproduction range of the object data (**column 11 line 55 to column 12 line 3: FIG. 7B, the route information for PGC information #1 includes pointers which show each of VOB #1 through #3. By means of this PGC information #1, VOB#1 is**

Art Unit: 2481

reproduced, then VOB#2 is reproduced and finally VOB#3 is reproduced); and an object information file for storing object information which indicates a storing position of the object data which corresponds to each of the plurality item information **(column 11 line 55 to column 12 line 3: The "route information", as shown by the arrow in FIG. 7A, expresses the reproduction order of the VOBs which compose a PGC and includes pointers for indicating the logical address of each VOB in the storage area of the optical disc)**, each of the object data file **(20: FIG. 5 shows the data format of each of the video data, audio data, sub-picture data and pack management information which are interleaved in the VOB)**, the play list information **(Fig. 7A: Program chain information #1-#M)** and the object information file is recorded into a different area, respectively **(28: Each logical block is made up of 2 KB and is distinguished from each other using a block number (sector address))**, the object information comprising association definition information which defines, for each stream, a relationship between each stream and each packet which constructs each stream **(column 11 line 55 to column 12 line 3: The "route information", as shown by the arrow in FIG. 7A, expresses the reproduction order of the VOBs which compose a PGC and includes pointers for indicating the logical address of each VOB in the storage area of the optical disc).**

Regarding Claim 23: Tsuga et al. discloses a computer readable information record medium according to claim 22, wherein the object data defines first information unit which includes the first video stream, the second video stream and the first audio stream **(column 4 lines 23-65: reproduction device for a combination of**

Art Unit: 2481

one set of audio data out of the second subregions and one set of sub-picture data out of the third subregions which are to be reproduced together with the set of video data; Fig. 8B multi-angle block), the first audio stream which constructs the first information unit is commonly used to both of the first and second video stream which construct the first information unit **(column 4 line 66 to column 5 line 3: control information in a small region is always read along with the video data, so that dynamic switching of the audio data and sub-picture data can be performed by the reproduction device)**, each of the first video stream, the second video stream and the first audio stream, which constructs the first information unit, is recorded with being divided into a plurality of packets **(column 9 lines 49-62: FIG. 5 shows the data format of each of the video data, audio data, sub-picture data and pack management information which are interleaved in the VOB. Each kind of data in the illustrated VOB has been converted into packets and packs according to MPEG2 standard)**, the plurality of packets which correspond to the first video stream, the second video stream and the first audio stream, which constructs the first information unit, are collectively multiplexed **(column 8 line 65 to column 9 line 25: This video data stream, audio data stream and sub-picture data stream are interleaved into each VOB).**

Regarding Claim 24: Tsuga et al. discloses a computer readable information record medium according to claim 22, wherein the object information comprises information for indicating packet identification number for identifying packet which corresponds to each stream **(21: The stream ID and substreams are used by the reproduction device to**

Art Unit: 2481

determine what kinds of packs are present in the retrieved information and how to separate them).

Regarding Claim 25: Tsuga et al. discloses a computer readable information record medium according to claim 23, wherein the object data comprises sub-picture stream for displaying a menu **(column 8 line 65 to column 9 line 25: This video data stream, audio data stream and sub-picture data stream are interleaved into each VOB)**, the sub-picture stream is recorded with being divided into a plurality of packets, and is collectively multiplexed with the first video stream **(column 8 line 65 to column 9 line 25: This video data stream, audio data stream and sub-picture data stream are interleaved into each VOB)**, the second video stream and the first audio stream, the play list information comprising sub-path information which indicates information related to a reproduction range of the sub-picture stream **(column 11 line 55 to column 12 line 3: FIG. 7B, the route information for PGC information #1 includes pointers which show each of VOB #1 through #3. By means of this PGC information #1, VOB#1 is reproduced, then VOB#2 is reproduced and finally VOB#3 is reproduced)**; and the sub-picture stream is superimposed on the first or second video stream, the sub-picture stream is commonly used to both of the first and second video stream which construct the first information unit **(column 26 line 28-45: the sub-picture data has been described as being made up of image data such as subtitles, although it is equally possible for such sub-picture data to be made up of vector graphics or three-dimensional computer graphics (CG).).**

Regarding Claim 26: Claim 26 reject for the same reason to claim 22 as discussed above.

Regarding Claim 27: Claim 27 reject for the same reason to claim 22 as discussed above.

Regarding Claim 28: Tsuga et al. discloses an information reproduction apparatus for reproducing the non-transitory computer readable information record medium according to claim 22, said apparatus comprising: a reading device for reproducing the object data file, the object information file and the playlist information (**column 15 lines 31-37: the reproduction device 1 reproduces the DVD shown in FIG. 3A in accordance with operation indications made using the remote controller 91 and outputs an image signal and an audio signal**); and a reproduction device for reproducing the object data based on the object information file and the playlist information read by the reading device (**column 15 lines 31-37: the reproduction device 1 reproduces the DVD shown in FIG. 3A in accordance with operation indications made using the remote controller 91 and outputs an image signal and an audio signal**).

Regarding Claim 29: Claim 29 reject for the same reason to claim 28 as discussed above.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANIEL TEKLE whose telephone number is (571)270-

Art Unit: 2481

1117. The examiner can normally be reached on 7:30am to 5:00pm M-R and 7:30-4:00
Every other Friday..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter-Anthony Pappas can be reached on 571-272-7646. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Daniel Tekle/
Examiner, Art Unit 2481

/Peter-Anthony Pappas/
Supervisory Patent Examiner, Art Unit 2481